## 2019 Structure Summary Report

**Overall Unit and Item Ratings** 

# **Plumas County**

## North Fork Feather River Diversion Channel Drop Structure No. 1

Overall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 26, 2019 14:33 Page 1 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 2

verall Unit Rating	Item Rating	
A	Photo Documentation	N
	Vegetation & Obstructions	А
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	А
	Concrete Tilting / Settlement	А
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	А
		•

Monday, August 26, 2019 14:33 Page 2 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 3

erall Unit Rating	Rated Item	Item Rating
Α	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	А
	Erosion / Bank Caving	А
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	А
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 26, 2019 14:33 Page 3 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 4

rall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 26, 2019 14:33 Page 4 of 8

## 2019 Structure Summary Report

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 5

erall Unit Rating	ating Rated Item I				
A	Photo Documentation	N			
	Vegetation & Obstructions	Α			
	Shoaling / Sedimentation	Α			
	Erosion / Bank Caving	Α			
	Revetments	Α			
	Encroachments	Α			
	Culverts: Inlets / Outlets	N			
	Culverts: Breaks / Holes / Cracks	N			
	Metal Pipes	N			
	Trash Racks	N			
	Flap Gates	N			
	Sluice/Slide Gates	N			
	Electric Gate Operators	N			
	Manual Gate Operators	N			
	Concrete Surfaces	A			
	Concrete Tilting / Settlement	A			
	Concrete Foundations	Α			
	Security Fencing	N			
	Closure Structures	N			
	Trash Rakes	N			
	Other Metallic Items	N			
	Monolith Joints	N			
	Safety	Α			
	Operation & Maintenance Manual	Α			

Monday, August 26, 2019 14:33 Page 5 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 6

erall Unit Rating	Rated Item	Item Rating
A	Photo Documentation	N
	Vegetation & Obstructions	Α
	Shoaling / Sedimentation	Α
	Erosion / Bank Caving	Α
	Revetments	Α
	Encroachments	Α
	Culverts: Inlets / Outlets	N
	Culverts: Breaks / Holes / Cracks	N
	Metal Pipes	N
	Trash Racks	N
	Flap Gates	N
	Sluice/Slide Gates	N
	Electric Gate Operators	N
	Manual Gate Operators	N
	Concrete Surfaces	Α
	Concrete Tilting / Settlement	Α
	Concrete Foundations	Α
	Security Fencing	N
	Closure Structures	N
	Trash Rakes	N
	Other Metallic Items	N
	Monolith Joints	N
	Safety	Α
	Operation & Maintenance Manual	Α

Monday, August 26, 2019 14:33 Page 6 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# **Plumas County (cont.)**

# North Fork Feather River Diversion Channel Drop Structure No. 7

Item Rating	Rated Item	verall Unit Rating		
N	Photo Documentation	Α		
Α	Vegetation & Obstructions			
Α	Shoaling / Sedimentation			
Α	Erosion / Bank Caving			
Α	Revetments			
Α	Encroachments			
N	Culverts: Inlets / Outlets			
N	Culverts: Breaks / Holes / Cracks			
N	Metal Pipes			
N	Trash Racks			
N	Flap Gates			
N	Sluice/Slide Gates			
N	Electric Gate Operators			
N	Manual Gate Operators			
Α	Concrete Surfaces			
Α	Concrete Tilting / Settlement			
Α	Concrete Foundations			
N	Security Fencing			
N	Closure Structures			
N	Trash Rakes			
N	Other Metallic Items			
N	Monolith Joints			
Α	Safety			
Α	Operation & Maintenance Manual			

Monday, August 26, 2019 14:33 Page 7 of 8

## **2019 Structure Summary Report**

**Overall Unit and Item Ratings** 

# Plumas County (cont.)

## **North Fork Feather River Diversion Structure**

A Photo Documentation N Vegetation & Obstructions A Shoaling / Sedimentation M Erosion / Bank Caving A Revetments A Encroachments M Culverts: Inlets / Outlets A Culverts: Breaks / Holes / Cracks A Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A Operation & Maintenance Manual	Item Rating	Rated Item	Overall Unit Rating
Shoaling / Sedimentation M Erosion / Bank Caving A Revetments A Encroachments M Culverts: Inlets / Outlets A Culverts: Breaks / Holes / Cracks A Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	N	Photo Documentation	Α
Erosion / Bank Caving Revetments A Encroachments M Culverts: Inlets / Outlets A Culverts: Breaks / Holes / Cracks A Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Vegetation & Obstructions	
Revetments A Encroachments M Culverts: Inlets / Outlets A Culverts: Breaks / Holes / Cracks A Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	М	Shoaling / Sedimentation	
Encroachments M Culverts: Inlets / Outlets A Culverts: Breaks / Holes / Cracks A Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Erosion / Bank Caving	
Culverts: Inlets / Outlets  Culverts: Breaks / Holes / Cracks  Metal Pipes  N  Trash Racks  A  Flap Gates  N  Sluice/Slide Gates  A  Electric Gate Operators  Manual Gate Operators  Concrete Surfaces  A  Concrete Tilting / Settlement  Concrete Foundations  A  Security Fencing  Closure Structures  A  Trash Rakes  N  Other Metallic Items  A  Safety  A	Α	Revetments	
Culverts: Breaks / Holes / Cracks  Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Safety A	М	Encroachments	
Metal Pipes N Trash Racks A Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Culverts: Inlets / Outlets	
Trash Racks Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Safety A	Α	Culverts: Breaks / Holes / Cracks	
Flap Gates N Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	N	Metal Pipes	
Sluice/Slide Gates A Electric Gate Operators N Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Trash Racks	
Electric Gate Operators N  Manual Gate Operators A  Concrete Surfaces A  Concrete Tilting / Settlement A  Concrete Foundations A  Security Fencing A  Closure Structures A  Trash Rakes N  Other Metallic Items A  Monolith Joints A  Safety A	N	Flap Gates	
Manual Gate Operators A Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Sluice/Slide Gates	
Concrete Surfaces A Concrete Tilting / Settlement A Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	N	Electric Gate Operators	
Concrete Tilting / Settlement A  Concrete Foundations A  Security Fencing A  Closure Structures A  Trash Rakes N  Other Metallic Items A  Monolith Joints A  Safety A	Α	Manual Gate Operators	
Concrete Foundations A Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Concrete Surfaces	
Security Fencing A Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Concrete Tilting / Settlement	
Closure Structures A Trash Rakes N Other Metallic Items A Monolith Joints A Safety A	Α	Concrete Foundations	
Trash Rakes N  Other Metallic Items A  Monolith Joints A  Safety A	Α	Security Fencing	
Other Metallic Items A  Monolith Joints A  Safety A	Α	Closure Structures	
Monolith Joints A Safety A	N	Trash Rakes	
Safety A	Α	Other Metallic Items	
	Α	Monolith Joints	
Operation & Maintenance Manual A	Α	Safety	
	Α	Operation & Maintenance Manual	

Monday, August 26, 2019 14:33 Page 8 of 8

## **Unit Cover Sheet**

## **2019 Structure Inspection Results**

# **Plumas County**

Structure	
North Fork Feather River Diversion Channel Drop Structure No. 1	

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined GPS Latitude/Longitude					
Calegory	Channels Start End				End	
Item	Photo Documentation 40.299243 ° 40.299243				40.299243°	
-121.262034 ° -121.262034 °						
DWR ID DWR_NA0015_57_t _ 2012_23						
Action/Comments						

Inspector Comments: The structure and channel are in good condition, clear of debris and flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View looking upstream from Drop Structure 1, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_57\_23\_20190716\_00007.jpg



View looking downstream from Drop Structure 1, 2019.

							_
LM Start	0.00	Rating **	Α	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Category		Structures & Concrete Lined				le/Longitude	
Calegory	Channels	Channels				End	
Item	Vegetatio	Vegetation & Obstructions			43°	40.299243	0
пеш				-121.262034 °		-121.262034	0
DWR ID	DWR_NA0	015_57_t _ 201	2_1				
		Action/	Comme	nts			
Inspector (flows.	Comments	: Vegetation i	s mainta	ined and is	not	impeding	

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ма	Location *			
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels	Channels		Start		End	
Item	Shoaling /	Sedimentation	n	40.29924	3°	40.299243 °	
пеш				-121.26203	4 °	-121.262034 °	
DWR ID	DWR_NA0	015_57_t _ 201	2_2				
	Action/Comments						

Action/Comments

Inspector Comments: There is no shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_3 DWR ID

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	_	
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			GPS Latitude/Longitude					
Category	Channels			Start		End		
Itom	Revetmer	nts		40.29924	3°	40.299243	5	
Item				-121.26203	4 °	-121.262034 °	5	
DWR ID	DWR_NA0	015_57_t _ 201	2_4					
	A - ti 10 t-							

Action/Comments

Inspector Comments: Existing riprap protection is properly maintained.

Photo 1 of 1: ST\_2019\_NA0015\_57\_4\_20190716\_00006.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5		
LM End	0.00	Issue Type +	Ма	Location *				
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Itom	Encroach	ments		40.29924	3°	40.299243	۰	
Item				-121.26203	4 °	-121.262034	٥	
DWR ID	DWR_NA0	015_57_t _ 201	2_5					
	Action/Comments							

Action/Comments

Inspector Comments: There is no debris in the channel.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR ID DWR\_NA0015\_57\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 7 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 40.299243° 40.299243° Item Cracks -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_7 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8			
LM End	0.00	Issue Type +	Ма	Location *				
Category	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Metal Pipe	es		40.299243	3°	40.299243 °		
пеш				-121.262034	۱°	-121.262034 °		
DWR ID	DWR_NA0	015_57_t _ 201	2_8					
	A - 1' 10 1 -							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_9 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 Ν 10 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_10 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

Page 5 of 9

#### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Sluice/Sli	Sluice/Slide Gates			3°	40.299243 °	
item				-121.26203	4 °	-121.262034 °	
DWR ID	DWR_NA0	015_57_t _ 201	2_11				
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν 12 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Electric Gate Operators 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_12 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 Ν 13 0.00 Issue Type + Ma Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR\_NA0015\_57\_t \_ 2012\_13 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	14		
LM End	0.00	Issue Type +	Ma	Location *			
Category		tructures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End	
Item	Concrete	Surfaces		40.29924	3°	40.299243 °	
пеш					4 °	-121.262034 °	
DWR ID	DWR_NA0	015_57_t _ 201	2_14				
		A - 1' 1	<u> </u>	-1-			

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but still well intact, 2019.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 15 Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR ID DWR\_NA0015\_57\_t \_ 2012\_15

Action/Comments

Inspector Comments: No areas of tilting were observed.

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels	Channels				End	
Item	Concrete	Foundations		40.2992	43 °	40.299243°	
item					34 °	-121.262034°	
DWR ID	D DWR_NA0015_57_t _ 2012_16						
Action/Comments							

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		
Category Changels			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Security F	Security Fencing			43 °	40.299243 °
пеш				-121.2620	34 °	-121.262034 °
DWR ID	ID DWR_NA0015_57_t _ 2012_17					
Action/Comments						

No Photos

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	18			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Closure S	tructures		40.29924	3°	40.299243	0	
пеш					4 °	-121.262034	۰	
DWR ID	DWR_NA0015_57_t _ 2012_18							
		Action/	Comme	nts				

No Photos

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	19		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Trash Ral	kes		40.2992	13°	40.299243	0
пеш					34 °	-121.262034	0
DWR ID	DWR_NA0015_57_t _ 2012_19						
Action/Comments							

No Photos

Inspector Comments: This item does not apply to this inspection.

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	Channels				End
Item	Other Met	tallic Items		40.29924	3°	40.299243 °
пеш					4 °	-121.262034 °
DWR ID	DWR_NA0	15_57_t _ 2012_20				
		A -4:	C	-1-		

Action/Comments Inspector Comments: This item does not apply to this inspection.

Rating \*\* Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 40.299243° 40.299243° Item -121.262034° -121.262034 ° DWR ID DWR\_NA0015\_57\_t \_ 2012\_21

No Photos

No Photos

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	Α	Issue No.		22
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels	Channels				End
Item	Safety			40.2992	43°	40.299243°
item		•			34°	-121.262034°
DWR ID	ID DWR_NA0015_57_t _ 2012_22					
Action/Comments						

Inspector Comments: There are no apparent safety issues at this site.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 1		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
				tituc	le/Longitude		
Category	Channels	Channels				End	
Item		Operation & Maintenance Manual			13°	40.299243 °	
пеш	Manual				34 °	-121.262034 °	
DWR ID	DWR_NA0	015_57_t _ 201	3_24				
	Action/Comments						
Inspector Comments: The county has copies of the O&M Manual in their Chester office.							

No Photos

\* Location LS: Land Side WS : Water Side CR : Crown \*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## **Unit Cover Sheet**

## **2019 Structure Inspection Results**

# **Plumas County**

Structure
North Fork Feather River Diversion Channel Drop Structure No. 2

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	23	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
ltom	Item Photo Documentation			40.2942	70°	40.294270°
пеш				-121.2589	35 °	-121.258935 °
DWR ID	DWR_NA0		·			
Action/Comments						

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of Drop Structure 2 looking downstream, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_58\_23\_20190716\_00007.jpg



View of Drop Structure 2 looking upstream, 2019.

LM Start	0.00	Rating **	Α	Issue No.	1		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures	GPS La	atitud	le/Longitude			
	Channels			Start		End	
Item	Vegetation & Obstructions			40.2942	70°	40.294270	
item			-121.2589	35°	-121.258935		
DWR ID	DWR_NA0	015_58_t _ 201	2_1				
		Action/	Comme	nts			
Inspector (flows.	Comments	: Vegetation i	s mainta	ined and is	not	impeding	

No Photos

Monday, August 26, 2019 14:33

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Lat	itud	e/Longitude	
Category	Channels			Start		End
Item	Shoaling /	Sedimentation	n	40.29427	0 °	40.294270°
item				-121.25893	5 °	-121.258935 °
DWR ID	DWR_NA0	015_58_t _ 201	2_2			
		A .:	_			

Action/Comments

Inspector Comments: There is no shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR ID DWR\_NA0015\_58\_t \_ 2012\_3

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Sta	rt <b>0.00</b>	Rating **	Α	Issue No.		4		
LM En	<b>0.00</b>	Issue Type +	Ма	Location *				
Catago		Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Category	Channe					End		
Item	Revetm	ents		40.2942	70°	40.294270	0	
пеш				-121.2589	35°	-121.258935	0	
DWR II	D DWR_NA	.0015_58_t _ 201	2_4					

Action/Comments

Inspector Comments: Existing concreted revetment protection is properly maintained.

# Photo 1 of 1 : ST\_2019\_NA0015\_58\_4\_20190716\_00008.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
			Start		End	
Item	Encroachments			40.2942	70°	40.294270°
item			-121.2589	35 °	-121.258935 °	
DWR ID	DWR_NA0015_58_t _ 2012_5					
Action/Comments						

Inspector Comments: There is one log on the drop structure that needs to be removed, but the flow is not impeded, 2019.

# Photo 1 of 1: ST\_2019\_NA0015\_58\_5\_20190716\_00009.jpg

View looking from left bank across the drop structure at a log that needs to be removed, 2019.

LM Start	0.00	Rating **	N	Issue No.		6	
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Structures & Concrete Lined			GPS La	atitud	le/Longitude	
Category Channels			Start		End		
Item	Culverts:	Inlets / Outlets	3	40.2942	70°	40.294270	0
item				-121.2589	35 °	-121.258935	0
DWR ID	DWR_NA0	015_58_t _ 201	2_6				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined Channels			GPS La	titud	le/Longitude	
Calegory				Start		End	
Item	Culverts: Breaks / Holes / Cracks			40.29427	'0 °	40.294270	0
item				-121.25893	85 °	-121.258935	٥
DWR ID	DWR_NA0015_58_t _ 2012_7						
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8				
LM End	0.00	Issue Type +	Ма	Location *					
Structures & Concrete Lined				GPS Latitude/Longitude					
Category	Channels		Start		End				
Item	Metal Pipes			40.29427	o°	40.294270 °			
пеш				-121.25893	5 °	-121.258935 °			
DWR ID	D DWR_NA0015_58_t _ 2012_8								
	Action/Comments								

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR NA0015 58 t 2012 9 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 Ν 10 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 40.294270° 40.294270° Item -121.258935° -121.258935 ° DWR\_NA0015\_58\_t \_ 2012\_10 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels		Start		End	
Item	Sluice/Sli	de Gates		40.29427	°	40.294270 °
пеш				-121.25893	5°	-121.258935 °
DWR ID DWR_NA0015_58_t _ 2012_11						
		A - 1' 1	<u> </u>	-1-		

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	12		
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures	GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item	Electric G	<b>;</b>	40.29427	0°	40.294270	0	
item				-121.25893	5 °	-121.258935	0
DWR ID	DWR_NA0	015_58_t _ 201	2_12				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	13					
LM End	0.00	Issue Type +	Ma	Location *						
Structures & Concrete Lined				GPS Latitude/Longitude						
Category	Channels	Start		End						
Item	Manual Gate Operators			40.2942	70°	40.294270	۰			
item				-121.25893	35 °	-121.258935	٥			
DWR ID DWR_NA0015_58_t _ 2012_13										
Action/Comments										

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	14			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category	Channels		Start		End			
Item	Concrete Surfaces				70°	40.294270 °		
пеш			-121.25893	35 °	-121.258935 °			
DWR ID DWR_NA0015_58_t _ 2012_14								
A :: 10								

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but still well intact, 2019.

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 15 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR\_NA0015\_58\_t \_ 2012\_15 DWR ID

Action/Comments

Inspector Comments: No areas of tilting were observed.

No Photos

Rating \*\* Issue No. LM Start 0.00 16 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Foundations 40.294270° 40.294270 ° Item -121.258935 ° -121.258935 ° DWR\_NA0015\_58\_t \_ 2015\_16 DWR ID Action/Comments

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	17				
LM End	0.00	Issue Type +	Ма	Location *					
Structures & Concrete Lined				GPS Latitude/Longitude					
Calegory	Channels		Start		End				
Item	Security F	Fencing		40.29427	o°	40.294270 °			
Item				-121.25893	5°	-121.258935 °			
DWR ID	D DWR_NA0015_58_t _ 2012_17								
	Action/Comments								

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 18 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR ID DWR\_NA0015\_58\_t \_ 2012\_18

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 19 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR\_NA0015\_58\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		20		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Other Metallic Items			40.29427	o°	40.294270 °		
пеш				-121.25893	5 °	-121.258935 °		
DWR ID	DWR_NA0015_58_t _ 2012_20							
Action/Comments								

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 40.294270° 40.294270° Item -121.258935 ° -121.258935 ° DWR ID DWR\_NA0015\_58\_t \_ 2012\_21

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 22 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 40.294270° 40.294270 ° Item -121.258935° -121.258935 ° DWR\_NA0015\_58\_t \_ 2012\_22 DWR ID Action/Comments

Inspector Comments: There are no visible safety issues at this site.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 2		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Operation & Maintenance Manual			40.29427	'0	40.294270 °
item				-121.25893	35 °	-121.258935 °
DWR ID	DWR ID DWR_NA0015_58_t _ 2013_24					
Action/Comments						
Inspector Comments: The county has copies of the O&M Manual in						

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

their Chester office.

\*\* Rating

A : Acceptable M : Minimally Acceptable U : Unacceptable N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence
En : Enforcement

## **Unit Cover Sheet**

## **2019 Structure Inspection Results**

# **Plumas County**

Structure	
North Fork Feather River Diversion Channel Drop Structure No. 3	

Structure Rating	A
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23	
LM End		Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Photo Documentation			40.289767°		40.289767	
item					75 °	-121.256375	
DWR ID	DWR_NA0015_59_t _ 2012_23						
Action/Comments							

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End		Issue Type +	Ma	Location *	



View looking upstream at Drop Structure 3, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_59\_23\_20190716\_00004.jpg



View looking downstream at Drop Structure 3, 2019.

0.00	Rating **	Α	Issue No.		1	
0.00	Issue Type +	Ma	Location *			
			tituc	itude/Longitude		
Channels	Channels				End	
Vegetation & Obstructions			40.2897	67°	40.289767	0
			-121.256375 °		-121.256375	c
DWR_NA0	015_59_t _ 201	2_1				
	Action/	Comme	nts			
Comments	: Vegetation is	s mainta	ined and is	not	impeding	
	0.00 Structures Channels Vegetation	0.00 Issue Type + Structures & Concrete I Channels Vegetation & Obstruction  DWR_NA0015_59_t _ 201: Action/	0.00 Issue Type + Ma  Structures & Concrete Lined Channels  Vegetation & Obstructions  DWR_NA0015_59_t _ 2012_1  Action/Commer	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS La Start           Vegetation & Obstructions         40.28970 -121.2563           DWR_NA0015_59_t _ 2012_1         Action/Comments	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Latitude           Vegetation & Obstructions         40.289767 °           -121.256375 °           DWR_NA0015_59_t _ 2012_1           Action/Comments	0.00         Issue Type +         Ma         Location *           Structures & Concrete Lined Channels         GPS Latitude/Longitude           Vegetation & Obstructions         40.289767 ° 40.289767 ° 40.289767 ° -121.256375           DWR_NA0015_59_t _ 2012_1

No Photos

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Shoaling /	Shoaling / Sedimentation		40.28976	67°	40.289767 °
пеш				-121.25637	'5 °	-121.256375 °
DWR ID	DWR_NA0	015_59_t _ 201	2_2			
A - 1' 10 1 -						

Action/Comments

Inspector Comments: There is no shoaling and minimum sedimentation present.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 40.289767° 40.289767° Item -121.256375 ° -121.256375 ° DWR ID DWR\_NA0015\_59\_t \_ 2012\_3

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4
LM End	0.00	Issue Type +	Ма	Location *		
Catagory	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Revetments		40.2897	67°	40.289767°	
пеш			-121.2563	75 °	-121.256375 °	
DWR ID	DWR_NA0	015_59_t _ 201	2_4			

## Action/Comments

Inspector Comments: Existing concrete riprap protection is properly maintained, 2019.

Photo 1 of 1: ST\_2019\_NA0015\_59\_4\_20190716\_00006.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

Page 2 of 9

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ма	Location *			
Category	s & Concrete I	GPS Latitude/Longitude					
Channels				Start		End	
Item	Encroach	ments		40.28976	67°	40.289767 °	
пеш				-121.25637	'5 °	-121.256375 °	
DWR ID	R ID DWR_NA0015_59_t _ 2012_5						
	Action/Comments						

Inspector Comments: There is no debris in the channel.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.289767° 40.289767° Item -121.256375° -121.256375 ° DWR ID DWR\_NA0015\_59\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 7 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 40.289767° 40.289767 ° Item Cracks -121.256375° -121.256375 ° DWR\_NA0015\_59\_t \_ 2012\_7 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

No Photos

LM Start	0.00	Rating **	Ν	Issue No.		8
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End	
Item	Metal Pipe	es		40.28976	67°	40.289767 °
пеш				-121.25637	75 °	-121.256375 °
DWR ID DWR_NA0015_59_t _ 2012_8						
		A - 1' 1	<u> </u>	-1-		

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Rating \*\* Issue No. 0.00 Ν Issue Type + Ма Location \* No Photos

0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.289767° 40.289767° Item -121.256375° -121.256375 °

DWR NA0015 59 t 2012 9 DWR ID

LM Start

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Issue No. Rating \*\* LM Start 0.00 Ν 10 No Photos

0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Flap Gates 40.289767° 40.289767 ° Item -121.256375° -121.256375 ° DWR\_NA0015\_59\_t \_ 2012\_10 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Location LS: Land Side WS: Water Side

CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Ν	Issue No.	11		
LM End	0.00	Issue Type +	Ма	Location *			
Category	s & Concrete I	GPS Latitude/Longitude					
Calegory	Channels					End	
Item	Sluice/Sli	de Gates		40.28976	7°	40.289767 °	
Item				-121.25637	5 °	-121.256375 °	
DWR ID	WR ID DWR_NA0015_59_t _ 2012_11						
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	<b>i</b>	40.2897	67°	40.289767	0
iteiii				-121.2563	75 °	-121.256375	0
DWR ID	DWR_NA0	015_59_t _ 201	2_12				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	13	
LM End	0.00	Issue Type +	Ма	Location *		
Catagony	& Concrete I	_ined	GPS La	titud	le/Longitude	
Category Channels				Start		End
Item	Manual G	ate Operators		40.2897	67°	40.289767°
пеш				-121.2563	75 °	-121.256375 °
DWR ID DWR_NA0015_59_t _ 2012_13						
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		14
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Concrete	Surfaces		40.28976	67°	40.289767 °
пеш				-121.25637	75 °	-121.256375 °
DWR ID DWR_NA0015_59_t _ 2012_14						
		A - 1' 1	<u> </u>	-1-		

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2019.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 15 Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.289767° 40.289767° Item -121.256375 ° -121.256375 ° DWR ID DWR\_NA0015\_59\_t \_ 2012\_15

Action/Comments

Inspector Comments: No areas of tilting were observed.

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category Channels				Start		End	
Item	Concrete	Foundations		40.2897	67°	40.289767°	
пеш	Item				75 °	-121.256375 °	
DWR ID DWR_NA0015_59_t _ 2012_16						·	
Action/Comments							

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17		
LM End	0.00	Issue Type +	Ма	Location *				
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Category Channels		Start		End			
Item	Security F	encing		40.28976	67°	40.289767 °		
пеш				-121.25637	'5 °	-121.256375 °		
DWR ID	DWR_NA0	015_59_t _ 201	2_17					

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 18 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 40.289767° 40.289767° Item -121.256375° -121.256375 ° DWR ID DWR\_NA0015\_59\_t \_ 2012\_18

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 19 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 40.289767° 40.289767 ° Item -121.256375° -121.256375 ° DWR\_NA0015\_59\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Ν	Issue No.	20	
LM End	0.00	Issue Type +	Ма	Location *		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude		
Category Channels			Start		End	
Item	Other Metallic Items			40.28976	67°	40.289767 °
пеш	n			-121.25637	75 °	-121.256375 °
DWR ID DWR_NA0015_59_t _ 2012_20						
Action/Commonts						

Action/Comments Inspector Comments: This item does not apply to this inspection. No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 40.289767° 40.289767° Item -121.256375° -121.256375 ° DWR ID DWR\_NA0015\_59\_t \_ 2012\_21

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 22 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 40.289767° 40.289767 ° Item -121.256375° -121.256375 ° DWR\_NA0015\_59\_t \_ 2012\_22 DWR ID Action/Comments

Inspector Comments: There are no visible safety issues at this site.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 3		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels	Channels				End	
Item	Operation & Maintenance			40.28976	67°	40.289767 °	
пеш	Manual		-121.25637	'5 °	-121.256375 °		
DWR ID	DWR_NA0	015_59_t _ 201	3_24				
Action/Comments							
Inspector Comments: The county has copies of the O&M Manual in their Chester office.							

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Flood Control Project Maintenance

## **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Plumas County**

Structure
North Fork Feather River Diversion Channel Drop Structure No. 4

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## **Levee Inspection Report By Mile - Structure 2019**

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Channels			Start		End	
Item	Photo Documentation			40.2856	53 °	40.285653°
item			-121.2539	02 °	-121.253902°	
DWR ID DWR_NA0015_60_t _ 2012_23						
Action/Comments						

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View looking upstream at Drop Stucture 4, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_60\_23\_20190716\_00005.jpg



View looking downstream at Drop Stucture 4, 2019.

LM Start	0.00	Rating **	Α	Issue No.		1
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start			End
Item	Vegetation & Obstructions		40.285653 °		40.285653	
пеш				-121.253902 °		-121.253902
DWR ID	DWR_NA0	015_60_t _ 201	2_1			
		Action/	Comme	nts		
Inspector (	Comments	: Vegetation i	s mainta	ined and is	not	impeding

No Photos

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	2	
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Shoaling / Sedimentation			40.2856	3°	40.285653°
пеш				-121.25390	)2 °	-121.253902°
DWR ID DWR_NA0015_60_t _ 2012_2						
Action/Comments						

Inspector Comments: There is no shoaling but the start of small a sedimentation deposit ispresent, however this should not impede flows, 2019.



View of the right and left side of the channel have a small build up of sedimentation, 2019.

LM Start	0.00	Rating **	Α	Issue No.		3	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels	Channels		Start		End	
Item	Erosion /	Bank Caving		40.2856	53°	40.285653°	
item				-121.2539	02 °	-121.253902 °	
DWR ID	DWR_NA0	015_60_t _ 201	2_3			·	
	A :: 10						

### Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Category Changels			GPS Latitude/Longitude			
Category	Channels		Start			End	
Item	Revetmer	nts		40.2856	53°	40.285653	0
пеш				-121.2539	02 °	-121.253902	0
DWR ID	DWR_NA0	015_60_t _ 201	2_4				
		Action/	Comme	nts			

Inspector Comments: Existing concreted riprap protection is properly maintained.



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Ob

+ Issue Type

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined		GPS Latitude/Longitude		le/Longitude		
Calegory	Channels	hannels		Start		End	
Item	Encroach	ments		40.28565	3°	40.285653	0
пеш				-121.25390	2°	-121.253902	0
DWR ID	DWR_NA0	015_60_t _ 201	2_5				
	Action/Comments						

Inspector Comments: There is no debris in the channel.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.285653° 40.285653° Item -121.253902 ° -121.253902 ° DWR ID DWR\_NA0015\_60\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 7 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 40.285653° 40.285653° Item Cracks -121.253902° -121.253902 ° DWR\_NA0015\_60\_t \_ 2012\_7 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni		Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	hannels Start		Start		End	
Item	Metal Pipe	es		40.28565	3°	40.285653 °	
пеш				-121.25390	2°	-121.253902 °	
DWR ID	DWR_NA0	015_60_t _ 201	2_8				
		A .: /	_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.285653° 40.285653° Item -121.253902 ° -121.253902 ° DWR ID DWR\_NA0015\_60\_t \_ 2012\_9

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		10	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Flap Gate	S		40.2856	53°	40.285653 °	
item				-121.2539	02°	-121.253902 °	
DWR ID	DWR_NA0	015_60_t _ 201	2_10				
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		11	
LM End	0.00	Issue Type +	Ма	Location *			
Catagory		ructures & Concrete Lined		GPS Latitude/Longitude		le/Longitude	
Calegory	Channels	annels		Start		End	
Item	Sluice/Sli	de Gates		40.28565	3°	40.285653	۰
пеш		=		-121.25390	2 °	-121.253902	0
DWR ID	DWR_NA0	015_60_t _ 201	2_11				
		Action/	Commo	ntc			

Action/Comments Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		12	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	_ined	GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End	
Item	Electric G	ate Operators	<b>i</b>	40.2856	53°	40.285653	0
пеш				-121.2539	02 °	-121.253902	0
DWR ID	DWR_NA0	015_60_t _ 201	2_12				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		13	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures	GPS Latitude/Longitude					
Calegory	Channels			Start		End	
Item	Manual G	ate Operators		40.2856	53°	40.285653°	
пеш				-121.2539	02 °	-121.253902°	
DWR ID	DWR_NA0	015_60_t _ 201	2_13			·	
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	14		
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Concrete	Surfaces		40.28565	3°	40.285653 °	
пеш				-121.25390	2 °	-121.253902 °	
DWR ID DWR_NA0015_60_t _ 2012_14							
	A :: 10						

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2019.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 15 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.285653° 40.285653° Item -121.253902° -121.253902 ° DWR ID DWR\_NA0015\_60\_t \_ 2012\_15

Action/Comments

Inspector Comments: No areas of tilting were observed.

LM Start	0.00	Rating **	Α	Issue No.		16	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Category	Channels			Start		End	
Item	Concrete	Foundations		40.2856	53°	40.285653	0
пеш				-121.2539	)2 °	-121.253902	0
DWR ID DWR_NA0015_60_t _ 2012_16							
Action/Comments							

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17	
LM End	0.00	Issue Type +	Ма	Location *			
Category	Structures & Concrete Lined			GPS La	tituc	le/Longitude	
Calegory	Channels	Channels				End	
Item	Security Fencing			40.2856	53 °	40.285653 °	
пеш				-121.25390	)2 °	-121.253902 °	
DWR ID	ID DWR_NA0015_60_t _ 2012_17						
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		18	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	Lined	GPS La	titud	le/Longitude	
Category	Channels			Start		End	
Item	Closure S	tructures		40.2856	53 °	40.285653	0
пеш				-121.25390	)2 °	-121.253902	0
DWR ID	DWR_NA0	015_60_t _ 201	2_18				
		Action	Commo	nte			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		19
LM End	0.00	Issue Type +	Ма	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Trash Rakes			40.2856	53°	40.285653°
ILEIII				-121.2539	02 °	-121.253902 °
DWR ID DWR_NA0015_60_t _ 2012_19						·
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20	
LM End	0.00	Issue Type +	Ма	Location *		
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude		
Category	Channels		Start		End	
Item	Other Met	allic Items		40.28565	3°	40.285653 °
пеш	n		-121.25390	2°	-121.253902 °	
DWR ID DWR_NA0015_60_t _ 2015_20						
		A ation/	Camma	nt n		

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 21 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Monolith Joints 40.285653° 40.285653° Item -121.253902° -121.253902 ° DWR ID DWR\_NA0015\_60\_t \_ 2012\_21

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 22 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Safety 40.285653° 40.285653° Item -121.253902 ° -121.253902° DWR\_NA0015\_60\_t \_ 2012 22 DWR ID Action/Comments

Inspector Comments: There are no visible safety issues at this site.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 4		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels				End	
Item	Operation & Maintenance			40.28565	3°	40.285653 °	
пеш	Manual			-121.25390	)2 °	-121.253902 °	
DWR ID	DWR ID DWR_NA0015_60_t _ 2013_24						
Action/Comments							
Inspector (	Inspector Comments: The county has copies of the O&M Manual in						

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

their Chester office.

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Flood Control Project Maintenance

## **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Plumas County**

Structure	
North Fork Feather River Diversion Channel Drop Structure No. 5	

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS La	titud	le/Longitude	
Category	Channels			Start		End
Item	Photo Do	cumentation		40.28302	28°	40.283028 °
пеш				-121.25234	18 °	-121.252348°
DWR ID	DWR ID DWR_NA0015_61_t _ 2012_23					
	Action/Comments					

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ма	Location *	



View looking upstream at Drop Structure 5, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_61\_23\_20190716\_00004.jpg



View looking downstream at Drop Structure 5, 2019.

LM Start	0.00	Rating **	Α	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS La	atitud	le/Longitude		
Category	Channels			Start		End	
Item	Vegetation & Obstructions			40.2830	28°	40.283028	C
пеш				-121.2523	48 °	-121.252348	C
DWR ID	DWR_NA0	015_61_t _ 201	2_1				
		Action/	Comme	nts			
Inspector (	Comments	: Vegetation i	s mainta	ined and is	not	impeding	
flows.		•					

No Photos

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		2	
LM End	0.00	Issue Type +	Ma	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category		Start		End		
Item	Shoaling /	Sedimentation	on	40.28302	3°	40.283028	0
пеш			-121.25234	3°	-121.252348	•	
DWR ID	DWR_NA0	015_61_t _ 201	2_2				

Action/Comments

Inspector Comments: There is no shoaling and minimal sedimentation present.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 40.283028° 40.283028° Item -121.252348 ° -121.252348 ° DWR ID DWR\_NA0015\_61\_t \_ 2012\_3

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4	
LM End	0.00	Issue Type +	Ma	Location *			
Category		s & Concrete I	_ined	GPS La	atitud	le/Longitude	
Calegory	Channels			Start		End	
Item	Revetmer	nts		40.2830	28°	40.283028	0
item		-121.2523	48 °	-121.252348 °	0		
DWR ID	DWR_NA0	015_61_t _ 201	2_4				

#### Action/Comments

Inspector Comments: Existing concreted riprap protection is properly maintained.

Photo 1 of 1: ST\_2019\_NA0015\_61\_4\_20190716\_00006.jpg



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		5	
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Lat	ituc	le/Longitude		
Calegory	Channels			Start		End	
Item	Encroach	ments		40.28302	8 °	40.283028	0
пеш	item			-121.25234	8 °	-121.252348	0
DWR ID	DWR_NA0015_61_t _ 2012_5						
	Action/Comments						

Inspector Comments: There is no debris in the channel.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.283028° 40.283028° Item -121.252348° -121.252348 ° DWR ID DWR\_NA0015\_61\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	7		
LM End	0.00	Issue Type +	Ma	Location *			
Category Structures & Concrete Lined Channels			GPS La	ituc	de/Longitude		
			Start		End		
ltom		Breaks / Hole	s/	40.28302	8 °	40.283028	0
пеш	Item Cracks			-121.25234	8 °	-121.252348	0
DWR ID DWR_NA0015_61_t _ 2012_7							
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		8	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS La	tituc	le/Longitude	
Calegory	Channels			Start		End	
Item	Metal Pipe	es		40.28302	8°	40.283028 °	
пеш			-121.25234	8°	-121.252348 °		
DWR ID	DWR_NA0	0015_61_t _ 2012_8					
	Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.283028° 40.283028° Item -121.252348° -121.252348 ° DWR ID DWR\_NA0015\_61\_t \_ 2012\_9

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	10	
LM End	0.00	Issue Type +	Ма	Location *		
Category	& Concrete I	GPS Latitude/Longitude				
Calegory	Channels					End
Item	Flap Gate	S		40.2830	28°	40.283028°
item				-121.2523	48 °	-121.252348°
DWR ID DWR_NA0015_61_t _ 2012_10						
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ма	Location *		
Catagony	GPS Latitude/Longitude					
Calegory	Category Channels				Start	
Item	Sluice/Sli	de Gates		40.28302	в°	40.283028
пеш				-121.25234	3°	-121.252348 °
DWR ID DWR_NA0015_61_t _ 2012_11						
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		12		
LM End	0.00	Issue Type + Ma Location *						
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Electric G	ate Operators	<b>;</b>	40.28302	28°	40.283028	0	
item				-121.25234	48 °	-121.252348	0	
DWR ID	DWR_NA0	015_61_t _ 201	5_12					
	A :: 10							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.	13		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	& Concrete I	GPS Latitude/Longitude					
Category Channels				Start		End	
Item	Manual G	ate Operators		40.2830	28°	40.283028°	
пеш				-121.2523	48 °	-121.252348°	
DWR ID DWR_NA0015_61_t _ 2012_13							
Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	14	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels		Start		End	
Item	Concrete	Surfaces		40.283028	3°	40.283028 °
пеш						-121.252348 °
DWR ID DWR_NA0015_61_t _ 2012_14						
A - 1' 1' O 1						

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2019.

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 15 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.283028° 40.283028° Item -121.252348° -121.252348 ° DWR\_NA0015\_61\_t \_ 2012\_15 DWR ID

Action/Comments

Inspector Comments: No areas of tilting were observed.

No Photos

Rating \*\* Issue No. LM Start 0.00 16 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Foundations 40.283028° 40.283028 Item -121.252348° -121.252348 ° DWR ID DWR\_NA0015\_61\_t \_ 2012\_16 Action/Comments

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17
LM End	0.00	Issue Type +	Ма	Location *		
Category	GPS Latitude/Longitude					
Calegory	Channels				Start	
Item	Security F	encing		40.28302	8°	40.283028
пеш				-121.25234	8°	-121.252348
DWR ID DWR_NA0015_61_t _ 2012_17						
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		18		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels			Start		End		
Item	Closure S	tructures		40.28302	3°	40.283028	۰	
item				-121.25234	3°	-121.252348	۰	
DWR ID	DWR_NA0	015_61_t _ 201	2_18					
			_					

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 19 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 40.283028° 40.283028° Item -121.252348° -121.252348 ° DWR\_NA0015\_61\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		20
LM End	0.00	Issue Type +	Ma	Location *		
Category	& Concrete I	GPS Latitude/Longitude				
Calegory	Channels					End
Item	Other Met	allic Items		40.28302	28°	40.283028 °
Item				-121.2523	48 °	-121.252348 °
DWR ID DWR_NA0015_61_t _ 2015_20						
Action/Comments						

No Photos

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Item	Monolith Joints			40.2830	28°	40.283028	0
пеш				-121.2523	48 °	-121.252348	0
DWR ID	DWR_NA0	015_61_t _ 201	2_21				
Action/Comments							

No Photos

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	Α	Issue No.	22		
LM End	0.00	Issue Type +	Ma	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Safety			40.2830	28°	40.283028°	
item			-121.252348 °		-121.252348°		
DWR ID DWR_NA0015_61_t _ 2012_22						·	
Action/Comments							

Inspector Comments: There are no visible safety issues at this site.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 5		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End		
Item	Operation & Maintenance			40.283028°		40.283028 °	
пеш	Manual			-121.25234	8°	-121.252348 °	
DWR ID DWR_NA0015_61_t _ 2013_24							
Action/Comments							
Inspector Comments: The county has copies of the O&M Manual in							

Inspector Comments: The county has copies of the O&M Manual in their Chester office.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

### Flood Control Project Maintenance

## **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Plumas County**

Structure	
North Fork Feather River Diversion Channel Drop Structure No. 6	

Structure Rating	A				
Date of Inspection	7/11/2019				
DWR Inspector	Sterling York				
Accompanied By	Rusell Furtado Plumas County Public Works				
	Rob Thorman Plumas County Public Works				

Page 1 of 9

### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Photo Documentation			40.2759	02 °	40.275902°
пеш				-121.2481	42 °	-121.248142°
DWR ID DWR_NA0015_62_t _ 2012_23						
Action/Comments						

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View looking upstream at Drop Structure 6, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_62\_23\_20190716\_00004.jpg



View looking downstream at Drop Structure 6, 2019.

LM Start	0.00	Rating **	Α	Issue No.		1
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined		_ined	GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Vegetation & Obstructions			40.275902 °		40.275902
пеш				-121.2481	42 °	-121.248142
DWR ID	DWR_NA0	015_62_t _ 201	2_1			
		Action/	Comme	nts		
Inspector (flows.	Comments	: Vegetation i	s mainta	ined and is	not	impeding

No Photos

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Shoaling / Sedimentation		on	40.2759	02 °	40.275902°
пеш				-121.2481	42 °	-121.248142°
DWR ID DWR_NA0015_62_t _ 2012_2						·
Action/Comments						

Inspector Comments: There is no shoaling but minimal sedimentation is present, 2019.

# Photo 1 of 1: ST\_2019\_NA0015\_62\_2\_20190716\_00006.jpg



View of the minimal sedimentation that is building up on left and right banks, the flow is not impeded, 2019.

LM Start	0.00	Rating **	Α	Issue No.		3
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined				GPS Latitude/Longitude		
Calegory	Channels	Channels		Start		End
Item	Erosion /	Bank Caving		40.2759	02°	40.275902°
пеш				-121.2481	42 °	-121.248142 °
DWR ID	DWR_NA0	015_62_t _ 201	2_3			
			_			

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		4		
LM End	0.00	Issue Type +	Ma	Location *				
Category Channels				GPS Latitude/Longitude				
Category	Channels		Start		End			
Item	Revetmer	nts		40.2759	02°	40.275902 °	>	
пеш				-121.2481	42 °	-121.248142 °	>	
DWR ID	DWR_NA0	015_62_t _ 201	2_4					
	Action/Comments							

Inspector Comments: Existing concrete riprap protection is properly maintained.

Photo 1 of 1: ST\_2019\_NA0015\_62\_4\_20190716\_00007.jpg

View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels Start		End				
Item	Encroach	ments		40.27590	)2 °	40.275902 °	
Item				-121.24814	2°	-121.248142 °	
DWR ID	DWR_NA0	015_62_t _ 201	2_5				
	Action/Comments						

Inspector Comments: There is no debris in the channel.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν Issue Type + Ма Location \* 0.00 LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.275902° 40.275902° Item -121.248142 ° -121.248142 ° DWR ID DWR\_NA0015\_62\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 7 0.00 Issue Type + Location \* LM End Ma Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Culverts: Breaks / Holes / 40.275902° 40.275902° Item Cracks -121.248142 ° -121.248142° DWR\_NA0015\_62\_t \_ 2012\_7 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable

M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		8
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	3		Start		End
Item	Metal Pipe	es		40.27590	2 °	40.275902 °
пеш				-121.24814	2 °	-121.248142 °
DWR ID	DWR_NA0	015_62_t _ 201	2_8			
		A .: /	_			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.275902° 40.275902° Item -121.248142 ° -121.248142 ° DWR ID DWR\_NA0015\_62\_t \_ 2012\_9

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		10		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			GPS Latitude/Longitude					
Calegory	Channels			Start		End		
Item	Flap Gate	s		40.27590	)2 °	40.275902	0	
пеш				-121.2481	42 °	-121.248142	0	
DWR ID	DWR_NA0	015_62_t _ 201	2_10					
	Action/Comments							

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Sluice/Sli	de Gates		40.27590	2 °	40.275902 °
пеш				-121.24814	2 °	-121.248142 °
DWR ID	DWR_NA0	015_62_t _ 201	2_11			
		A .: /	_			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

Issue No. LM Start 0.00 Rating \*\* Ν 12 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Electric Gate Operators 40.275902° 40.275902° Item -121.248142 ° -121.248142 °

DWR\_NA0015\_62\_t \_ 2012\_12

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Issue No. Rating \*\* LM Start 0.00 13 0.00 Issue Type + Ma Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 40.275902° 40.275902° Item -121.248142° -121.248142 ° DWR\_NA0015\_62\_t \_ 2012\_13 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location

LS: Land Side

WS: Water Side

CR: Crown

A : Acceptable

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		14	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	nnels		Start		End	
Item	Concrete	Surfaces		40.2759	02°	40.275902	0
пеш				-121.2481	42 °	-121.248142	0
DWR ID	DWR_NA0	015_62_t _ 201	2_14				
			_				

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but is still well intact, 2019.

No Photos

Issue No. LM Start 0.00 Rating \*\* Α 15 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.275902° 40.275902° Item -121.248142 ° -121.248142 ° DWR\_NA0015\_62\_t \_ 2012\_15 DWR ID

Action/Comments

Inspector Comments: No areas of tilting were observed.

No Photos

Issue No. Rating \*\* LM Start 0.00 16 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Concrete Foundations 40.275902° 40.275902° Item -121.248142 ° -121.248142 ° DWR ID DWR\_NA0015\_62\_t \_ 2012\_16 Action/Comments

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17	
LM End	0.00	Issue Type +	Ма	Location *			
Catagony		Structures & Concrete Lined			GPS Latitude/Longitude		
Category Channels			Start		End		
Item	Security F	encing		40.27590	2°	40.275902 °	
пеш				-121.24814	2 °	-121.248142 °	
DWR ID	DWR_NA0	015_62_t _ 201	2_17				
A - 1' 10 1 -							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 18 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 40.275902° 40.275902° Item -121.248142 ° -121.248142 ° DWR ID DWR\_NA0015\_62\_t \_ 2012\_18

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 19 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 40.275902° 40.275902° Item -121.248142° -121.248142 ° DWR\_NA0015\_62\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		20	
LM End	0.00	Issue Type +	Ма	Location *			
Catagony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
Calegory				Start		End	
Item	Other Metallic Items			40.27590	)2 °	40.275902	
пеш				-121.24814	12 °	-121.248142	
DWR ID	DWR_NA0	015_62_t _ 201	2_20				
Action/Comments							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Item	Monolith .	Joints		40.2759	02 °	40.275902	0
item				-121.2481	42 °	-121.248142	0
DWR ID	DWR_NA0	015_62_t _ 201	2_21				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	22			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category	Channels			Start		End		
Item	Safety			40.2759	)2°	40.275902°		
пеш				-121.2481	42 °	-121.248142 °		
DWR ID DWR_NA0015_62_t _ 2012_22						·		
Action/Comments								

Inspector Comments: There are no visible safety issues at this site.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 6		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined Channels			GPS La	atitud	le/Longitude	
Calegory				Start		End	
Item	Operation & Maintenance			40.275902 °		40.275902	>
пеш	Manual			-121.2481	42 °	-121.248142	>
DWR ID	DWR ID DWR_NA0015_62_t _ 2013_24						
Action/Comments							
Inspector Comments: The county has copies of the O&M Manual in							

their Chester office.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

+ Issue Type

### Flood Control Project Maintenance

## **Unit Cover Sheet**

### **2019 Structure Inspection Results**

## **Plumas County**

Structure	
North Fork Feather River Diversion Channel Drop Structure No. 7	

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels	Channels			Start		
Item	Photo Do	cumentation		40.2725	44°	40.272544	0
item				-121.2461	61 °	-121.246161	0
DWR ID	DWR_NA0015_63_t _ 2015_23				·		
Action/Comments							

Inspector Comments: The structure and channel are in good condition, clear of debris, and the flows are not impeded, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 1 of 2: ST\_2019\_NA0015\_63\_23\_20190716\_00006.jpg

View looking upstream at Drop Structure 7, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_63\_23\_20190716\_00005.jpg



View looking downstream at Drop Structure 7, 2019.

LM Start	0.00	Rating **	Α	Issue No.		1	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Vegetation & Obstructions			40.2725	44 °	40.272544°	
пеш					61 °	-121.246161 °	
DWR ID	DWR_NA0	015_63_t _ 201	2_1				

Action/Comments

Inspector Comments: Vegetation is not impeding flows.



Vegetation in channel near structure should be removed however it currently is not impeding flows.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable

N : Not Inspected/Rated

C : Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

Monday, August 26, 2019 14:34 FINAL DATA Page 1 of 9

NA0015

### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	2		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Calegory	Channels			Start		End	
Itom	Item Shoaling / Sedimentation			40.27254	4 °	40.272544°	
Item				-121.24616	°	-121.246161 °	
DWR ID	DWR_NA0015_63_t _ 2012_2						
Action/Comments							

Inspector Comments: There is no shoaling or sedimentation present.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Erosion / Bank Caving 40.272544° 40.272544° Item -121.246161° -121.246161 ° DWR ID DWR\_NA0015\_63\_t \_ 2012\_3

Action/Comments

Inspector Comments: There is no erosion activity present.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	4		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Revetments		40.2725	14 °	40.272544°			
пеш				-121.2461	61 °	-121.246161 °	
DWR ID	DWR_NA0	015_63_t _ 201	2_4				

Action/Comments

Inspector Comments: Existing concrete riprap protection is properly maintained.



View looking across the drop structure from the left bank at the well maintained concreted revetment, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	5		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category	Channels			Start		End	
Encroachments ltem			40.27254	4°	40.272544 °		
пеш				-121.24616	1°	-121.246161 °	
DWR ID	DWR_NA0015_63_t _ 2012_5						
A - 1' 10 1 -							

Action/Comments

Inspector Comments: There is no debris in the channel.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Culverts: Inlets / Outlets 40.272544° 40.272544° Item -121.246161 ° -121.246161° DWR ID DWR\_NA0015\_63\_t \_ 2012\_6

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.	7	
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels		Start		End	
Item	Culverts: Breaks / Holes /			40.2725	44 °	40.272544°
Cracks			-121.2461	61 °	-121.246161 °	
DWR ID	DWR_NA0015_63_t _ 2012_7					
Action/Comments						

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

En: Enforcement

Page 4 of 9

#### Flood Control Project Maintenance Levee Inspections

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	8			
LM End	0.00	Issue Type +	Ма	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Calegory	Channels		Start		End			
Item	Metal Pipe	es		40.27254	4 °	40.272544°		
пеш				-121.24616	1°	-121.246161 °		
DWR ID	DWR ID DWR_NA0015_63_t _ 2012_8							
		Action/	Comme	nts				

Inspector Comments: This item does not apply to this inspection.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν Issue Type + 0.00 Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Trash Racks 40.272544° 40.272544° Item -121.246161 ° -121.246161° DWR ID DWR\_NA0015\_63\_t \_ 2012\_9

Action/Comments

Inspector Comments: This item does not apply to this inspection.

LM Start	0.00	Rating **	N	Issue No.		10			
LM End	0.00	Issue Type +	Ma	Location *					
Category		Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End			
Item	Flap Gates			40.2725	14 °	40.272544°			
пеш	item			-121.2461	61 °	-121.246161 °			
DWR ID DWR_NA0015_63_t _ 2012_10									
	Action/Comments								

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	11	
LM End	0.00	Issue Type +	Ma	Location *		
Category		& Concrete I	_ined	GPS Latitude/Longitude		
Calegory	Channels			Start		End
Item	Sluice/Sli	de Gates		40.27254	4 °	40.272544°
пеш				-121.24616	1°	-121.246161 °
DWR ID DWR_NA0015_63_t _ 2012_11						
		A .:	_			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. LM Start 0.00 Rating \*\* Ν 12 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Electric Gate Operators 40.272544° 40.272544° Item -121.246161° -121.246161 ° DWR NA0015 63 t 2012 12 DWR ID

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 Ν 13 0.00 Issue Type + Ma Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Manual Gate Operators 40.272544° 40.272544 ° Item -121.246161 ° -121.246161 ° DWR\_NA0015\_63\_t \_ 2012\_13 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

\* Location
LS: Land Side
WS: Water Side
CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N: Not Inspected/Rated C: Corrected A/W: Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		14		
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined				GPS Latitude/Longitude				
Category	Channels		Start		End			
Item	Concrete	Surfaces		40.27254	4 °	40.272544	0	
Item				-121.24616	1 °	-121.246161	0	
DWR ID	DWR_NA0	015_63_t _ 201	2_14					
			_					

Action/Comments

Inspector Comments: The concrete surface is weathered and rough to the touch but is well intact, 2019.

No Photos

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 15 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Tilting / Settlement 40.272544° 40.272544° Item -121.246161 ° -121.246161° DWR ID DWR\_NA0015\_63\_t \_ 2012\_15

Action/Comments

Inspector Comments: No areas of tilting were observed.

LM Start	0.00	Rating **	Α	Issue No.		16			
LM End	0.00	Issue Type +	Ma	Location *					
Category		s & Concrete I	GPS Latitude/Longitude						
Calegory	Channels			Start		End			
Item	Concrete Foundations			40.2725	14 °	40.272544°			
пеш				-121.2461	61 °	-121.246161 °			
DWR ID DWR_NA0015_63_t _ 2012_16									
	Action/Comments								

Inspector Comments: There is no erosion or undermining near the structure.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable

U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		17	
LM End	0.00	Issue Type +	Ma	Location *			
Category	& Concrete I	GPS Latitude/Longitude					
Calegory	Channels	Channels				End	
Item	Security Fencing			40.27254	4°	40.272544°	
пеш				-121.24616	ı1°	-121.246161 °	
DWR ID	DWR_ID DWR_NA0015_63_t _ 2012_17						
		Action/	Comme	nts			

Inspector Comments: This item does not apply to this inspection.

No Photos

Rating \*\* Issue No. LM Start 0.00 Ν 18 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Closure Structures 40.272544° 40.272544° Item -121.246161° -121.246161 ° DWR ID DWR\_NA0015\_63\_t \_ 2012\_18

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Issue No. Rating \*\* LM Start 0.00 19 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels End Start Trash Rakes 40.272544° 40.272544 ° Item -121.246161 ° -121.246161 ° DWR\_NA0015\_63\_t \_ 2012\_19 DWR ID Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.	20		
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined				GPS Latitude/Longitude			
Category	Channels	Start		End			
Item	Other Met	tallic Items		40.27254	4 °	40.272544	
item				-121.24616	1°	-121.246161	
DWR ID	DWR_NA0	015_63_t _ 201	2_20				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	N	Issue No.		21	
LM End	0.00	Issue Type +	Ma	Location *			
Cotogoni	Category Structures & Concrete Lined GPS L Channels Start		ion/		titud	le/Longitude	
Calegory			Start		End		
Item	Monolith .	Joints		40.2725	44 °	40.272544	0
пеш				-121.2461	61 °	-121.246161	0
DWR ID	DWR_NA0	015_63_t _ 201	2_21				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		22	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item	Safety			40.2725	44 °	40.272544°	
пеш				-121.2461	61 °	-121.246161 °	
DWR ID	DWR_NA0	015_63_t _ 201	2_22			·	
Action/Comments							

Inspector Comments: There are no visible safety issues at this site.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable M : Minimally Acceptable U : Unacceptable

N : Not Inspected/Rated C: Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Channel Drop Structure No. 7		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	24	
LM End	0.00	Issue Type +	Ма	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Itom	Item Operation & Maintenance Manual		40.27254	14 °	40.272544°	
пеш					61 °	-121.246161 °
DWR ID	DWR_NA0015_63_t _ 2013_24					
	Action/Comments					

Inspector Comments: The county has copies of the O&M Manual in their Chester office.

No Photos

\* Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

#### Flood Control Project Maintenance

## **Unit Cover Sheet**

### **2019 Structure Inspection Results**

# **Plumas County**

Structure	
North Fork Feather River Diversion Structure	

Structure Rating	Α
Date of Inspection	7/11/2019
DWR Inspector	Sterling York
Accompanied By	Rusell Furtado Plumas County Public Works
	Rob Thorman Plumas County Public Works

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		23
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined GPS Latitude/Longit			e/Longitude		
Category	Channels	Channels				End
Item Photo Documentation			40.3028	34°	40.302834°	
				-121.2619	01 °	-121.261901°
DWR ID	DWR_NA0	015_37_t _ 201	2_23			
		Action/	Comme	nts		

	Charles and the same of the sa
	07 11 2019

Photo 1 of 3: ST\_2019\_NA0015\_37\_23\_20190718\_00021.jpg

View of the dam and structure from the inlet, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 3: ST\_2019\_NA0015\_37\_23\_20190718\_00019.jpg



View of the dam intake and debris diversion structure, 2019.

LM Start	0.00	Rating **	N	Issue No.	23 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the outfall structure from the top of the dam, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		1	
LM End	0.00	Issue Type +	Ма	Location *			
Catagony	Structures & Concrete Lined			GPS Latitude/Longitu			
Calegory	Category Channels		Start		End		
Item	Vegetatio	n & Obstruction	ns	40.3028	34°	40.302834	0
пеш				-121.2619	01 °	-121.261901	0
DWR ID	DWR_NA0	015_37_t _ 201	2_1				
		A -4:	C	- 1 -			

Action/Comments

Inspector Comments: Vegetation is maintained and is not impeding flows.

No Photos

LM Start	0.00	Rating **	М	Issue No.		2
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Shoaling A	/ Sedimentation	on	40.30283	34 °	40.302834 °
пеш			-121.26190	)1 °	-121.261901 °	
DWR ID	DWR_NA0	015_37_t _ 201	2_2			

#### Action/Comments

Inspector Comments: Remove the sediment as needed, and keep the inlet structure and fish ladder clear of sedimentation and debris, 2019.



Photo 1 of 3: ST\_2019\_NA0015\_37\_2\_20190718\_00023.jpg

View of the inlet structure and how the sedimentation builds up in front of the structure, 2019.

LM Start	0.00	Rating **	М	Issue No.	2 (cont)
LM End	0.00	Issue Type +	Ma	Location *	





View of the fish ladder intake, no sedimentation observed, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

A/W : Acceptable but Monitor & Maintain

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	<b>0.00</b> Rating ** M			Issue No.		2 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Category	Channels			Start		End
Item	Shoaling /	Sedimentation	n	40.3028	34°	40.302834°
item				-121.2619	01 °	-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_2						
Action/Comments						

Inspector Comments: Remove the sediment as needed, and keep the inlet structure and fish ladder clear of sedimentation and debris, 2019.



View of the build up of sedimentation and debris at the fish ladder intake, 2018.

LM Start	0.00	Rating **	Α	Issue No.	3	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Category Channels			Start		End
Item	Erosion /	Bank Caving		40.30283	4 °	40.302834 °
item				-121.26190	1°	-121.261901 °
DWR ID	DWR_NA0	0015_37_t _ 2012_3				
		Action/	Commo	ntc		

Action/Comments

Inspector Comments: There is no active erosion at this structure.

No Photos

LM Start	0.00	Rating **	Α	Issue No.	4			
LM End	0.00	Issue Type +	Ma	Location *				
Structures & Concrete Lined			GPS Lati	tud	e/Longitude			
Calegory	Category Channels		Start		End			
Item	Revetmer	nts		40.302834	١°	40.302834	0	
пеш	item		-121.261901	0	-121.261901	0		
DWR ID	DWR_NA0	015_37_t _ 201	2_4					
	Action/Comments							

Inspector Comments: Existing riprap protection is properly maintained, 2019.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

#### Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

	Structure	Structure Length	Inspection Start/End	Inspector
North Fork	Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	М	Issue No.	5	
LM End	0.00	Issue Type +	Ma	Location *		
Cotogony	Category Structures & Concrete Lined Channels			GPS Latitude/Longitude		
Calegory				Start		End
Item	Encroach	ments		40.3028	34°	40.302834°
item					01 °	-121.261901 °
DWR ID	DWR ID DWR_NA0015_37_t _ 2012_5					
Action/Comments						

Inspector Comments: Plumas County needs to remove all debris at the intake structure and trash rack before winter.

# Photo 1 of 1: ST\_2019\_NA0015\_37\_5\_20190718\_00024.jpg



View of the debris at the diversion intake structure south side, most of the debris was removed, but the District could not reach it all due to the meandering of the river, 2019.

LM Start	0.00	Rating **	Α	Issue No.		6
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Category Channels			Start		End
Item	Culverts:	Culverts: Inlets / Outlets			4 °	40.302834°
пеш					11 °	-121.261901°
DWR ID	DWR_NA0	015_37_t _ 201	2_6			

Action/Comments

Inspector Comments: The inlets and outlets appear to be in good condition. Make sure trash rack is clear of debris, 2019.

Photo 1 of 1: ST_2019_NA0015_37_6_20190718_00025.jp	g

View of the outlet box culverts, 2019.

LM Start	0.00	Rating **	Α	Issue No.		7	
LM End	0.00	Issue Type +	Issue Type + Ma L				
Structures & Concrete Lined			GPS Latitude/Longitude				
Calegory	Channels			Start		End	
Item		Breaks / Hole	s/	40.3028	34°	40.302834 °	
пеш	Cracks			-121.2619	01 °	-121.261901 °	
DWR ID	R ID DWR_NA0015_37_t _ 2012_7						
	Action/Comments						

Inspector Comments: LMA should inspect the concrete tunnels each year for cracking and leaks.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable : Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	N	Issue No.		8
LM End	0.00	Issue Type +	Ма	Location *		
Cotogoni	Structures & Concrete Lined			GPS Lat	itud	le/Longitude
Calegory	Channels	Channels		Start		End
Item	Metal Pipe	es		40.30283	4 °	40.302834°
пеш				-121.26190	1°	-121.261901 °
DWR ID	DWR_NA0	015_37_t _ 201	2_8			
			_			

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		9
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures & Concrete Lined Channels			GPS Latitude/Longitu		le/Longitude
Calegory				Start		End
Item	Trash Rad	cks		40.3028	34°	40.302834 °
пеш				-121.2619	01 °	-121.261901 °
DWR ID	DWR_NA0	015_37_t _ 201	2_9			·

#### Action/Comments

Inspector Comments: Trash rack is well maintained but debris needs to be removed, 2019.



View of the trash rack, 2019.

LM Start	0.00	Rating **	N	Issue No.		10		
LM End	0.00	Issue Type +	Ma	Location *				
Category	Structures & Concrete Lined Channels			GPS La	atitud	le/Longitude		
Calegory				Start		End		
Item	Flap Gate	es		40.3028	34°	40.302834	۰	
пеш				-121.2619	01 °	-121.261901	0	
DWR ID DWR_NA0015_37_t _ 2012_10								
	Action/Comments							

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated C : Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob : Design & System Obsolescence En : Enforcement

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		11	
LM End	0.00	Issue Type +	Ma	Location *			
Category	Structures	GPS La	tituc	de/Longitude			
Calegory	Channels			Start		End	
Item	Sluice/Slic	Sluice/Slide Gates			34 °	40.302834°	
пеш				-121.26190	)1 °	-121.261901 °	
DWR ID DWR_NA0015_37_t _ 2012_11						·	
	Action/Comments						

Inspector Comments: Slide gates are in good working condition, 2019.

		IIII a			
				or 10 2000	
ew looking thr	ough the fen	ce at the	fich ladder	slide gate	20°

Photo 1 of 2: ST\_2019\_NA0015\_37\_11\_20190718\_00027.jpg 

View looking through the fence at the fish ladder slide gate, 2019.

LM Start	0.00	Rating **	Α	Issue No.	11 (cont)
LM End	0.00	Issue Type +	Ma	Location *	

Photo 2 of 2: ST\_2019\_NA0015\_37\_11\_20190718\_00028.jpg



View looking at the fish ladder slide gate, 2019.

LM Start	0.00	Rating **	N	Issue No.		12	
LM End	0.00	Issue Type +	Ма	Location *			
Category		Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels	Channels		Start		End	
Item	Electric G	ate Operators	3	40.3028	34°	40.302834°	
пеш				-121.2619	01 °	-121.261901 °	
DWR ID	DWR_NA0	015_37_t _ 201	7_12				

#### Action/Comments

Inspector Comments: This item does not apply to this inspection.



Gauging house on top of dam, no longer used due to vandalism, 2018.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable M: Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected A/W : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

	Structure	Structure Length	Inspection Start/End	Inspector
North Fork	Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		13
LM End	0.00	Issue Type +	Ma	Location *		
Category	Structures	GPS La	titud	le/Longitude		
Calegory	Channels	Channels				End
Item	Manual G	ate Operators	<b>;</b>	40.30283	34 °	40.302834°
пеш				-121.26190	01 °	-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_13						
Action/Comments						

Inspector Comments: Manual gate operator appears to be working as intended, fittings have been greased and the LMA was there to show the operation of them last year in 2018.

LM Start	0.00	Rating **	Α	Issue No.	13 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the manual screw gates for the fish ladder slide gate on the outfall structure, 2019.

Photo 2 of 2: ST\_2019\_NA0015\_37\_13\_20190718\_00029.jpg



Closer view of the manual screw gates for the fish ladder slide gate on the outfall structure, 2019.

LM Start	0.00	Rating **	Α	Issue No.		14
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined			GPS Latitude/Longitude			
Calegory	Channels			Start		End
Item	Concrete Surfaces			40.30283	4 °	40.302834 °
пеш				-121.26190	11 °	-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_14						
A :: 10						

Action/Comments

Inspector Comments: There was minor spalling and cracking that Plumas County repaired on the south wall of the outfall structure in 2017.

# Photo 1 of 1: ST\_2019\_NA0015\_37\_14\_20190718\_00031.jpg



View of the concrete spalling repair on the south wall of the outfall structure, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

A/W : Acceptable but Monitor & Maintain

+ Issue Type

Ma: Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		15	
LM End	0.00	Issue Type +	Ма	Location *			
Cotogoni	Structures & Concrete Lined			GPS Latitude/Longitude			
Category Channels			Start		End		
Item	Concrete	Tilting / Settle	ment	40.30283	4°	40.302834	0
item				-121.26190	1°	-121.261901	0
DWR ID	DWR_NA0	015_37_t _ 201	2_15				
			_				

Action/Comments

Inspector Comments: There are no significant areas of tilting.

No Photos

Rating \*\* Issue No. LM Start 0.00 Α 16 0.00 Issue Type + Ма Location \* LM End Structures & Concrete Lined GPS Latitude/Longitude Category Channels Concrete Foundations 40.302834° 40.302834° Item -121.261901° -121.261901° DWR ID DWR\_NA0015\_37\_t \_ 2012\_16

Action/Comments

Inspector Comments: There is minimal surface cracking along the south wall of the fish ladder.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		17
LM End	0.00	Issue Type +	Ma	Location *		
Catagony	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Category			Start		End
Item	Security F	encing		40.30283	34 °	40.302834 °
пеш				-121.26190	)1 °	-121.261901 °
DWR ID	DWR_NA0	015_37_t _ 201	2_17			

Action/Comments

Inspector Comments: Safety / security fence is in good condition around the inlet and fish ladder, also outfall structure and the fish ladder outfall, 2019.



View of the security fencing around the fish ladder, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A: Acceptable Minimally Acceptable U : Unacceptable

N: Not Inspected/Rated Corrected

+ Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence En: Enforcement

A/W : Acceptable but Monitor & Maintain **FINAL DATA** 

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		17 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels			GPS Latitude/Longitude			
				Start		End
Itom	Security F	encing		40.30283	4 °	40.302834 °
item	Item				1°	-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_17						
	Action/Comments					

Inspector Comments: Safety / security fence is in good condition around the inlet and fish ladder, also outfall structure and the fish ladder outfall, 2019.

LM Start	0.00	Rating **	Α	Issue No.	17 (cont)
LM End	0.00	Issue Type +	Ma	Location *	



View of the security fencing around the outfall, 2019.

Photo 3 of 3: ST\_2019\_NA0015\_37\_17\_20190718\_00041.jpg



View of the security gate into the fish ladder at the outfall, 2019.

LM Start	0.00	Rating **	Α	Issue No.		18
LM End	0.00	Issue Type +	Ма	Location *		
Cotogony	Structures & Concrete Lined			GPS Latitude/Longitude		
Calegory	Channels		Start		End	
Item	Closure S	tructures		40.3028	34 °	40.302834 °
item				-121.26190	01 °	-121.261901 °
DWR ID	DWR_NA0	015_37_t _ 201	2_18			

#### Action/Comments

Inspector Comments: It appears the closure structure is in good condition. Make sure the flash board drop structures properly seal the front of the structure each year, 2019.



View of the inside of the debris protection closures at the structure inlet, 2019.

\* Location LS : Land Side WS : Water Side CR : Crown

\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type Ma : Mainte

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

## **Levee Inspection Report By Mile - Structure 2019**

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.		18 (cont)
LM End	0.00	Issue Type +	Ma	Location *		
Category Channels				GPS Latitude/Longitude		
Calegory	Channels			Start		End
Closure Structures				40.3028	34°	40.302834°
Item				-121.261901 °		-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_18						
Action/Comments						

Inspector Comments: It appears the closure structure is in good condition. Make sure the flash board drop structures properly seal the front of the structure each year, 2019.

# Photo 2 of 2: ST\_2019\_NA0015\_37\_18\_20190718\_00038.jpg



View of the outside of the debris protection closures at the structure inlet, 2019.

LM Start	0.00	Rating **	Ν	Issue No.		19	
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined			GPS Latitude/Longitude				
Category Channels				Start		End	
Item	Trash Ral	ces		40.30283	34 °	40.302834	0
пеш				-121.26190	)1 °	-121.261901	0
DWR ID	DWR_NA0	015_37_t _ 201	2_19				
			_				

Action/Comments

Inspector Comments: This item does not apply to this inspection.

No Photos

LM Start	0.00	Rating **	Α	Issue No.		20	
LM End	0.00	Issue Type +	Ma	Location *			
Category Changels				GPS Latitude/Longitude			
Category	Channels					End	
Item	Other Metallic Items			40.3028	34 °	40.302834°	
item				-121.2619	)1 °	-121.261901 °	
DWR ID DWR_NA0015_37_t _ 2012_20							
Action/Comments							

Inspector Comments: All the metal decks are in good condition, 2019.



View of the metal deck of the fish ladder inlet, 2019.

Location LS: Land Side WS: Water Side CR : Crown

A : Acceptable Minimally Acceptable N: Not Inspected/Rated Corrected : Acceptable but Monitor & Maintain + Issue Type

Ma : Maintenance Deficiancy Ob: Design & System Obsolescence

NA0015

#### Flood Control Project Maintenance Levee Inspections

## Levee Inspection Report By Mile - Structure 2019

## **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	20 (cont)		
LM End	0.00	Issue Type +	Ma	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Category	Channels			Start End		End	
Other Metallic Items		40.3028	34°	40.302834	0		
Item			-121.2619	01 °	-121.261901	0	
DWR ID DWR_NA0015_37_t _ 2012_20							
Action/Comments							

Inspector Comments: All the metal decks are in good condition, 2019.



View of the metal deck of the fish ladder outlet, 2019.

LM Start	0.00	Rating **	Α	Issue No.		21
LM End	0.00	Issue Type +	Ma	Location *		
Structures & Concrete Lined		GPS Latitude/Longitude				
Calegory	Category Channels		Start		End	
Item	Monolith Joints		40.3028	34°	40.302834°	
пеш	3111		-121.2619	01 °	-121.261901 °	
DWR ID DWR_NA0015_37_t _ 2012_21						
A :1 10						

#### Action/Comments

Inspector Comments: The mortar joints appear to be in good condition, 2019.

No Photos

	LM Start	0.00	Rating **	Α	Issue No.		22	
	LM End	0.00	Issue Type +	Ma	Location *			
	Category Structures & Concrete Lined Channels		GPS Latitude/Longitude					
				Start		End		
	Item	Safety			40.30283	4 °	40.302834	
	пеш				-121.26190	1°	-121.261901	0
	DWR ID	DWR_NA0	015_37_t _ 201	2_22				

#### Action/Comments

Inspector Comments: No safety issues identified at this location. There are hand rails around the inlet and fencing around the fish ladder for safety and fall protection, there is also security fence around the outlet of the structure, 2019.



Photo 1 of 2: ST\_2019\_NA0015\_37\_22\_20190718\_00034.jpg

View of the hand rail around the inlet and fencing around the fish ladder for safety & fall protection, 2019.

\* Location LS: Land Side WS: Water Side CR: Crown

\*\* Rating

A : Acceptable
M : Minimally Acceptable
U : Unacceptable

N : Not Inspected/Rated C : Corrected + Issue Type

Ma : Maintenance Deficiancy
Ob : Design & System Obsolescence

A/W : Acceptable but Monitor & Maintain En : Enforcement

## Levee Inspection Report By Mile - Structure 2019

# **Plumas County**

Structure	Structure Length	Inspection Start/End	Inspector
North Fork Feather River Diversion Structure		07/11/2019 07/11/2019	Sterling York

LM Start	0.00	Rating **	Α	Issue No.	22 (cont)	
LM End	0.00	Issue Type +	Ma	Location *		
Category Structures & Concrete Lined Channels		GPS Latitude/Longitu		le/Longitude		
		Start		End		
Item	Safety		40.3028	34°	40.302834°	
пеш				-121.2619	01 °	-121.261901 °
DWR ID DWR_NA0015_37_t _ 2012_22						
Action/Comments						

Inspector Comments: No safety issues identified at this location. There are hand rails around the inlet and fencing around the fish ladder for safety and fall protection, there is also security fence around the outlet of the structure, 2019.



View of the hand rail around the outlet fish ladder for safety, 2019.

LM Start	0.00	Rating **	Α	Issue No.		24	
LM End	0.00	Issue Type +	Ма	Location *			
Structures & Concrete Lined		GPS Latitude/Longitude					
Calegory	Category			Start		End	
Item	Operation & Maintenance		40.3028	34°	40.302834°		
item	Manual			-121.2619	01 °	-121.261901 °	
DWR ID DWR_NA0015_37_t _ 2013_24							
A ation /Commants							

#### Action/Comments

Inspector Comments: The county has copies of the O&M Manual in their Chester office.

No Photos